

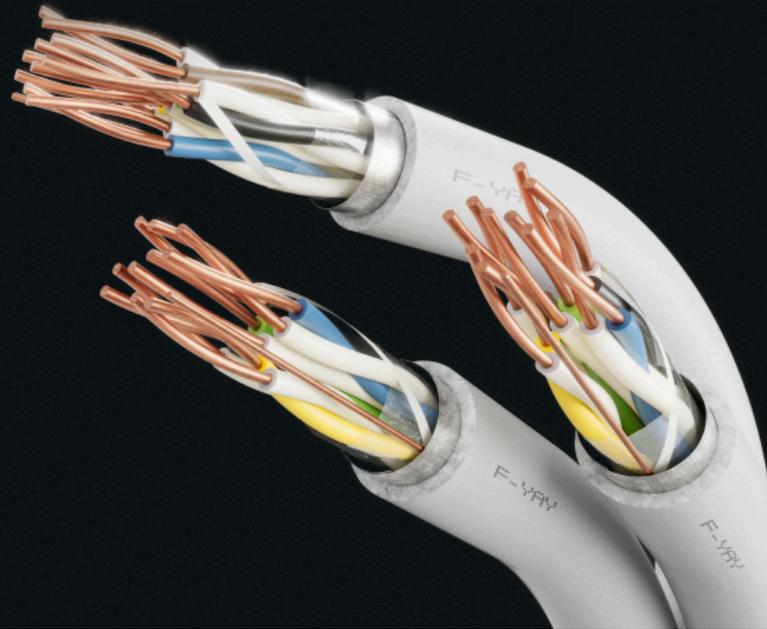


F-YAY

PE/PVC Schaltkabel, geschirmt

TELECOMMUNICATIONS CABLES

Switching cable for use in telecommunication and related equipment. Suitable for fixed installation on and under plaster, in dry and damp rooms.



TECHNICAL DATA



Standard

ÖVE-K 35 resp. adapted to ÖVE-K 35



Test Voltage

2000 Veff (core/screen)



Rated Voltage

500 Veff (Ader/Ader) / 50 Hz
2000 Veff (Ader/Schirm) / 50 Hz



Bending radius (min.)

7,5 x ϕ des Kabels



Fire properties

EN 60332-1-2: flame retardant



Core identification

coloured according to ÖVE-K 35



Temperature range

Laying temperature: min. -5°C
Fixed installation: -40°C up to 70°C
Flexible use: -5°C up to 50°C

DESIGN



Electrical parameters

Conductor diameter	mm	0.6	0.8
Conductor resistance, max. at 20 °C	Ω/km	135.8	73.2
Insulation resistance, min. at 20 °C	MΩ/km	500	500
Mutual capacitance (approx. value), at 800 Hz	nF/km	100	100
Capacitance unbalance k9 (pairs), max. at 800 Hz (80 % values)	pF/km	150	150
Capacitance unbalance k9 (pairs), max. at 800 Hz (100 % of values)	pF/km	200	200
Capacitance unbalanced k1 (quad), max. at 800 Hz	pF/km	500	500

Number of pairs x nominal diameter	Outer diameter appr. (mm)	Total weight appr. (kg/km)	Standard lengths/packing (m)
2 x 2 x 0.6	6.5	45	100 R, 500 Sp, 1000 Sp
3 x 2 x 0.6	6.3	49	500 Sp
5 x 2 x 0.6	7.3	67	100 R, 500 Sp, 1000 Sp
6 x 2 x 0.6	7.6	75	100 R, 500 Sp, 1000 Sp
10 x 2 x 0.6	9.5	112	100 R, 500 Sp, 1000 Sp
12 x 2 x 0.6	9.7	126	100 R, 500 Sp, 1000 Sp
15 x 2 x 0.6	10.4	149	100 R, 500 Sp, 1000 Sp
20 x 2 x 0.6	11.2	186	500 T, 1000 T
25 x 2 x 0.6	13.3	241	500 T, 1000 T
30 x 2 x 0.6	14.0	278	500 T, 1000 T
40 x 2 x 0.6	15.0	349	500 T, 1000 T
50 x 2 x 0.6	16.9	427	500 T, 1000 T
60 x 2 x 0.6	19.3	567	500 T, 1000 T
80 x 2 x 0.6	21.3	715	500 T, 1000 T
100 x 2 x 0.6	24.2	967	500 T, 1000 T
2 x 2 x 0.8	7.5	60	100 R, 500 Sp, 1000 Sp
2 x 2 x 0.8	6.3	53	100 R, 500 Sp, 1000 Sp
3 x 2 x 0.8	8.0	74	100 R, 500 Sp, 1000 Sp
5 x 2 x 0.8	8.9	102	100 R, 500 Sp, 1000 Sp
6 x 2 x 0.8	9.3	116	100 R, 500 Sp, 1000 Sp
10 x 2 x 0.8	11.9	178	100 R, 500 Sp, 1000 Sp
15 x 2 x 0.8	13.5	256	100 R, 500 Sp, 1000 Sp
20 x 2 x 0.8	14.6	321	500 T, 1000 T
30 x 2 x 0.8	18.2	477	500 T, 1000 T
40 x 2 x 0.8	19.5	604	500 T, 1000 T
50 x 2 x 0.8	22.8	747	500 T, 1000 T
100 x 2 x 0.8	34.9	1653	500 T, 1000 T

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